

DECLARATION FOR PATENT APPLICATION

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled XYLANASE MICROORGANISMS PRODUCING IT.
DNA MOLECULES, METHODS FOR PREPARING THIS, the specification of
which

(check one) _____ is attached hereto.

XYLANASE AND USES OF THE LATTER

was filed on June 6, 1995 as
Application Serial No. unknown.

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, § 1.56(a).

I hereby claim foreign priority benefits under Title 35, United States Code, § 119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Prior Foreign Application(s)	Priority Claimed
<u>09400706</u> <u>Belgium</u> (Number) (Country)	<u>26 July 1994</u> <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Day/Month/Year Filed)
<u>09500448</u> <u>Belgium</u> (Number) (Country)	<u>17 May 1995</u> <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Day/Month/Year Filed)
<u> </u> <u> </u> (Number) (Country)	<u> </u> <input type="checkbox"/> Yes <input type="checkbox"/> No (Day/Month/Year Filed)

I hereby claim the benefit under Title 35, United States Code, § 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, § 1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

(Appln. Serial No.) (Filing Date) (Status-patented, pending, abandoned)

(Appln. Serial No.) (filing Date) (Status-patented, pending, abandoned)

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole or first inventor Eric DE BUYL

Inventor's signature Eric de Buyl Date July 28, 1995
Residence* Vieux Chemin, 5, B-1630 WINKEBEEK, Citizenship Belgian
Post Office Address Belgium

Full name of second inventor Andrée LAHAYE

Inventor's signature Andrée Lahaye Date July 28, 1995
Residence* avenue du Duc Jean, 3, B-1080, Citizenship Belgian
Post Office Address BRUSSELS, Belgium

Full name of third inventor Pierre LEDOUX

Inventor's signature Pierre Ledoux Date July 28, 1995
Residence* avenue des Dix Arpents, 100,, Citizenship Belgian
Post Office Address B-1200 BRUSSELS, Belgium

Full name of fourth inventor René DETROZ

Inventor's signature René Detroz Date July 28, 1995
Residence* chaussée de Louvain, 534,, Citizenship Belgian
Post Office Address B-1328 LASNE, Belgium

Full name of fifth inventor _____

Inventor's signature _____ Date _____
Residence* _____ Citizenship _____
Post Office Address _____

* City and State, or City and Country for foreign inventors

Certificate Under 37 CFR 3.73(b)

Applicant: Eric deBuyl, Andrée Lahaye, Pierre Ledoux, and René Detroz
Application No.: 08/463,518
Filed: June 6, 1995
For: Genencor International, Inc. a Delaware Corporation
(Name of Assignee) (Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

certifies that it is the assignee of the entire right, title and interest in the patent application identified above by virtue of either:

- A. An assignment from the inventor(s) of the patent application identified above. The assignment was recorded in the Patent and Trademark Office at Reel ___, Frame _____. United States Serial No. _____ filed _____.

OR

- B. A chain of title from the inventor(s), of the patent application identified above, to the current assignee as shown below:

1. From: Eric deBuyl, Andrée Lahaye, Pierre Ledoux, and René Detroz To: Solvay (Société Anonyme). The document was recorded in the Patent and Trademark Office at Reel 7892, Frame 0837, or for which a copy thereof is attached.
 2. From: Solvay (Société Anonyme) To: Genencor International, Inc. The document was recorded in the Patent and Trademark Office at Reel 8444, Frame 0051, or for which a copy thereof is attached
 3. From: _____ To: _____. The document was recorded in the Patent and Trademark Office at Reel ___, Frame ___, or for which a copy thereof is attached.
- Additional documents in the chain of title are listed on a supplemental sheet.

Copies of assignments or other documents in the chain of title are attached.

The Assignee has attached a copy of a Certificate of Name Change to demonstrate that _____ was formerly called _____ And that the patent application has not changed ownership after the attached assignment.

The undersigned has reviewed all the documents in the chain of title of the patent application identified above and, to the best of the undersigned's knowledge and belief, title is in the assignee identified above.

The undersigned (whose title is supplied below) is empowered to sign this certificate on behalf of the assignee.

I hereby declare that all statements made herein of my own knowledge are true, and that all statements made on information and belief are believed to be true; and further, that these statements are made with the knowledge that willful false statements, and the like so made, are punishable by fine or imprisonment, or both, under Section 1001, Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Date: July 12, 2001

Name: Margaret A. Horn

Title: Vice President, Assistant General Counsel

Signature: Margaret A. Horn



UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office
ASSISTANT SECRETARY AND COMMISSIONER
OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

JUNE 16, 1996

PTAS
WILLIAN BRINKS HOFER GILSON & LIONE
WILHLEM F. GADIANO
2000 K STREET, N.W.
SUITE 200
WASHINGTON, D.C. 20006



100163169A

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JUN 21 1996

UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

McDERMOTT WILL & EMERY

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, NORTH TOWER BUILDING, SUITE 10C35, WASHINGTON, D.C. 20231.

RECORDATION DATE: 10/10/1995

REEL/FRAME: 7859/0837
NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNEE'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:
LAHAYE, ANDREE

DOC DATE: 07/28/1995

ASSIGNOR:
DE BUYL, ERIC

DOC DATE: 07/28/1995

ASSIGNOR:
LEDOUX, PIERRE

DOC DATE: 07/28/1995

ASSIGNOR:
DETROZ, RENE

DOC DATE: 07/28/1995

ASSIGNEE:
SOLVAY (SOCIETE ANONYME)
RUE DU PRINCE ALBERT, 33,
B-1050 BRUSSELS, BELGIUM

SERIAL NUMBER: 08470953
PATENT NUMBER:

FILING DATE: 06/06/1995
ISSUE DATE:

NO DUE DATE *HOPP*

REGINA COATES, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

04-02-1996

U.S. DEPARTMENT OF COMMERCE

Patent and Trademark Office

To the Honorable Commissioner of Paten

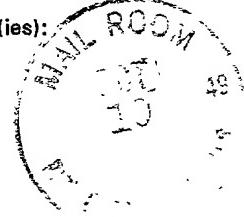
100163169

000-581 A/D

ed original documents or copy thereof.

1. Name of conveying party(ies):

Andrée LAHAYE
 Eric DE BUYL
 Pierre LEDOUX
 René DETROZ

Additional name(s) of conveying party(ies) attached? Yes No

3. Nature of conveyance:

- Assignment Merger
- Security Agreement Change of Name
- Other

Execution Date: July 28, 1995

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is _____

A. Patent Application No.(s)

08/470,953

B. Patent No.(s)

65705 U.S. PTO
 03/29/96

Additional numbers attached? Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: WILLIAN BRINKS HOFER GILSON & LIONE

Internal Address: _____

Street Address: 2000 K Street, N.W., Suite 200

City: Washington, D.C. State: ZIP: 20006

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41).....\$40.00

- Enclosed
 Authorized to be charged to deposit Account

8. Deposit Account No:

23-1920

(Attached duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

230 TR 10/20/95 08470953

9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Wilhem F. Gadiano, Reg. No. 37,136
 Name of Person Signing

Signature

October 10, 1995

Date

Total number of pages including cover sheet, attachments, and document: 3

Mail documents to be recorded with required cover sheet information to:
 Commissioner of Patents & Trademarks, Box Assignments
 Washington, D.C. 20231

ASSIGNMENT

WHEREAS, Eric De Buyl, Andrée Lahaye, Pierre Ledoux and René Detroz, hereinafter called the "Assignors," have jointly invented a new and useful invention entitled Xylanase, MICROORGANISMS PRODUCING IT, DNA MOLECULES, METHODS FOR PREPARING THIS Xylanase AND USES, for which they have:

OF THE LATTER

- (a) filed an application for United States Letters Patent on June 6, 1995 as (Serial No. unknown); or
- (b) executed an application for United States Letters Patent on _____; and

WHEREAS, SOLVAY (Société Anonyme), a corporation organized and existing under the laws of Belgium, having a place of business at rue du Prince Albert, 33, B-1050 BRUSSELS, Belgium, hereinafter called the "Assignee," is desirous of acquiring the entire right, title and interest in and to said invention, the application above identified, and in, to and under any Letters Patent which may be obtained to said invention, as hereinafter more fully set forth;

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN, be it known that for and in consideration of the sum of One Dollar (\$1.00), and other valuable and legally sufficient considerations, the receipt of which by said Assignors from the said Assignee is hereby acknowledged, the said Assignors have sold, assigned and transferred, and by these presents do sell, assign and transfer unto the said Assignee, the entire, right, title and interest for the United States in and to the invention and application hereinabove identified, and any Letters Patent of the United States that may issue for said invention, together with the entire right, title and interest in and to said invention and applications for Letters Patent and Letters Patent therefor, in all countries foreign to the United States, including the full right to claim for any such application all benefits and priority rights under any applicable convention; to have and to hold for the sole and exclusive use and benefit of the said Assignee, its successors and assigns, to the full end of the term or terms for which any and all of said Letters Patent for said inventions may issue.

And the said Assignors do hereby covenant and agree, for themselves and their legal representatives, that they will assist their said Assignee in the prosecution of the application herein identified; in the making and prosecution of any other applications for Letters Patent that the said Assignee may elect to make covering the invention herein identified, as hereinabove set forth; in vesting in the said Assignee like exclusive title in and to all such other applications and Letters Patent; and in the prosecution of any interference which may arise involving said invention, or any application or Letters Patent herein contemplated; and that they will execute and deliver to the said Assignee any and all additional papers which may be requested by the said Assignee to fully carry out the terms of this Assignment.

And the Commissioner of Patents and Trademarks is hereby authorized and requested to issue Letters Patent to the said Assignee in accordance with the terms of this Assignment.

IN TESTIMONY WHEREOF, the said Assignors have hereunto set their hands and affixed their seals.

Date: July 28, 1995

Eric de Buyl (Seal)

Eric DE BUYL

S. Feijens

J. A. Raetje

WITNESSED:

Date: July 28, 1995

Date: July 28, 1995

Date: July 28, 1995

Andrée Lahaye (Seal)

Andrée LAHAYE

S. Feijens

J. A. Raetje

Pierre Ledoux (Seal)

Pierre LEDOUX

S. Feijens

J. A. Raetje

René Detroz (Seal)

René DETROZ

S. Feijens

J. A. Raetje

WITNESSED:

Date: July 28, 1995

Date: July 28, 1995

Date: _____

(Seal)

WITNESSED:

Date: _____

Date: _____



SEN - 046/01 u
UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office
ASSISTANT SECRETARY AND COMMISSIONER
OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

MAY 28, 1997

PTAS

COOLEY GODWARD LLP
ALEXANDRA J. BARAN, PH.D.
FIVE PALO ALTO SQUARE
3000 EL CAMINO REAL
PALO ALTO, CA 94306

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JUN 2 1997

COOLEY GODWARD CASTRO
HUDLESON & TATUM

UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

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PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, NORTH TOWER BUILDING, SUITE 10C35, WASHINGTON, D.C. 20231.

RECORDATION DATE: 04/10/1997

REEL/FRAME: 8444/0051
NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

SOLVAY (SOCIETE ANONYME)

DOC DATE: 02/18/1997

ASSIGNEE:

GENENCOR INTERNATIONAL, INC.
4 CAMBRIDGE PLACE
1870 SOUTH WINTON ROAD
CAMBRIDGE, NEW YORK 14618

SERIAL NUMBER: 08470953

FILING DATE: 06/06/1995

PATENT NUMBER:

ISSUE DATE:

JEEVON JONES, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

MRD 4-10-9

04-17-1997



100394835

RECEIPT
R 10 1997

To the honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Solvay (Société Anonyme)

Additional name(s) of conveying party(ies) attached? Yes No

3. Nature of Conveyance:

- Assignment Merger
- Security Agreement Change of Name
- Other:

Execution Date: February 18, 1997

2. Name and address of receiving party(ies):

Genencor International, Inc.
4 Cambridge Place
1870 South Winton Road
Cambridge, New York 14618

Additional name(s) & address(es) attached? Yes No

4. Application number(s) or patent number(s)

If this document is being filed together with a new application, the execution date of the application is:



A. Patent Application No.(s)

08/470,953

B. Patent No.(s)

Additional numbers attached? Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:

6. Total number of applications and patents involved: 1

Alexandra J. Baran, Ph.D.
Cooley Godward LLP
Five Palo Alto Square, 3000 El Camino Real
Palo Alto, CA 94306

7. Total Fee (37 CFR 3.41) \$40.00

- Enclosed
- Authorized to be charged to deposit account

8. Deposit account number: 03-3117
(Attach duplicate copy of this page if paying by deposit account)

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9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Alexandra J. Baran, Ph.D. (39,101)

Name of Person Signing

Date

Total number of pages including cover sheet, attachments, and document: 420 UT 04/14/97 08470953 40.00 DK

Mail documents to be recorded with required cover sheet information to:
Commissioner of Patents & Trademarks, Box Assignments
Washington, D.C. 20231

PATENT

Attorney Docket No. GENC-046/00US
GC450-US

ASSIGNMENT OF PATENT RIGHTS

Solvay (Société Anonyme), a corporation organized and existing under the laws of Belgium, having a place of business at 33 Rue de Prince Albert, B-1050 Brussels, Belgium (hereinafter called "Assignor"), hereby assigns certain patent rights to Genencor International, Inc., a corporation organized and existing under the laws of Delaware, having a place of business at 4 Cambridge Place, 1870 South Winton Road, Rochester, New York 14618, United States of America (hereinafter called the "Assignee"):

WHEREAS Assignor is the owner of the following Application(s) for Letters Patent:

APPLICATION(S)

Patent Application Serial No. 08/470,953

Filed: June 6, 1995

Title: Xylanase, Microorganisms Producing It, DNA Molecules, Methods for Preparing of this Xylanase and Uses of the Latter

Assignment to Solvay (Société Anonyme) recorded: 10/10/95 Reel/Frame: 7859/0837

AND WHEREAS Assignor has agreed with Assignee for the transfer to it of the whole right, title and interest in and to said Application(s) and said Inventions described therein,

NOW THIS ASSIGNMENT WITNESSETH that in pursuance of said agreement and in consideration of the sum of One U.S. Dollar (\$1.00) paid by Assignee to Assignor (the receipt of which Assignor hereby acknowledges), Assignor, as beneficial owner, hereby assigns and transfers to Assignee said Inventions, said Application(s), and any and all Letters Patent in the United States of America and all foreign countries which may be granted therefor and thereon, and in and to any and all divisions, continuations, and continuations-in-part of said Application(s), or reissues or extensions of said Letters Patent, and all rights under the International Convention for the Protection of Industrial Property, and the full exclusive benefits thereof, and all rights, privileges and advantages appertaining thereto, including any and all rights to damages, profits or recoveries of any nature for past infringement of said Letters Patent, and the payment of any and all maintenance fees, taxes, and the like, TO HOLD the same unto and to the use of Assignee, its successors and assigns absolutely during the residue of the respective terms for which said Letters Patent were granted and during any such terms, and for any and all rights extending from said Application(s) and reissues.

ASSIGNOR hereby covenants that Assignor has full right to convey the entire interest herein being assigned and represents that Assignor has not executed and will not execute any

agreements inconsistent with this Assignment or to the detriment of said Application(s) and Inventions being assigned hereby.

AND for the same consideration, Assignor hereby covenants and agrees to and with Assignee, its successor, legal representatives and assigns that, at the time of execution and delivery of these presents, Assignor is the sole and lawful owner of the entire right, title and interest in and to said Inventions and said Application(s) for Letters Patent above-mentioned, that the same are unencumbered, and that Assignor has good and full right and lawful authority to sell and convey the same in the manner herein set forth.

AND for the same consideration, Assignor hereby covenants and agrees to and with Assignee, its successors, legal representatives and assigns that Assignor will, whenever counsel of Assignee, or the counsel of its successors, legal representatives and assigns, shall advise that any proceeding in connection with said inventions, or that any division, continuation or continuation-in-part of any Letters Patent to be obtained therein, is lawful and desirable, sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of Letters Patent for said inventions, without charge to Assignor, its successors, legal representatives and assigns, but at the cost and expense of the Assignee, its successors, legal representatives and assigns.

Executed at Brussels, this 18th day of February 1997



Assignor: Solvay (Société Anonyme)

By: Liliane Meyers

Printed Name: Dr. Liliane MEYERS

Title: Head of Industrial
Property and Information
Documentation Departments